

## RANNEY WELL (as part of PAWTP)

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| Ranney JARPA Data .....  | 2 |
| Figures: (Provided for information only, see Off-Reservation<br>Flood Protection Projects section for detail.) |   |
| 1. Plan View of Ranney Well, Control Building, and<br>Flood Protection .....                                   | 5 |
| 2. Cross-sectional View of Ranney Well Road Levee .....  | 6 |
| 3. Cross-sectional View of Ranney Well Gabion Wall<br>Flood Protection .....                                   | 7 |

Water Quality Mitigation Projects -**Ranney Well and Control Building Project (As part of PAWTP)**

Text for inclusion in the Elwha River Restoration Project JARPA

**All bold text is copied from the JARPA application.** All responses are in normal text.

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**SECTION 2**

**4. NAME, ADDRESS, AND PHONE NUMBER OF PROPERTY OWNER(S), IF OTHER THAN APPLICANT.**

City of Port Angeles

**5. LOCATION (STREET ADDRESS, INCLUDING CITY, COUNTY AND ZIP CODE, WHERE PROPOSED ACTIVITY EXISTS OR WILL OCCUR)**

Ranney Well and control building located on the City of Port Angeles property adjacent to the WDFW fish hatchery Port Angeles, Clallam County, Washington 98363

**LOCAL GOVERNMENT WITH JURISDICTION (CITY OR COUNTY)**

Clallam County

**WATERBODY**

Elwha River

**TRIBUTARY OF**

N/A

**WRIA#**

18

**¼ SECTION**

SE1/4

**SECTION**

3

**TOWNSHIP**

30N

**RANGE**

7W

**SHORELINE DESIGNATION**

Conservancy – Within 200-feet of the Elwha River

**TAX PARCEL NUMBER**

See Ownership List

**ZONING DESIGNATION**

RCC5

**DNR STREAM TYPE, IF KNOWN**

F

**6. DESCRIBE THE CURRENT USE OF THE PROPERTY, AND THE STRUCTURES EXISTING ON THE PROPERTY. IF ANY PORTION OF THE PROPOSED ACTIVITY IS ALREADY COMPLETED ON THIS PROPERTY, INDICATE THE MONTH AND YEAR OF COMPLETION.**

The site currently contains the following components:

1. Ranney Well Collector Building
2. Ranney Well Control Building including electrical gear, emergency diesel generator and chlorination equipment.
3. Hydraulic Control Surge Vessel
4. Aboveground diesel fuel tank
5. Gravel access roads
6. Site chain link fencing
7. Numerous aboveground and underground utilities are in the area.

These existing facilities currently provide potable water to the City of Port Angeles.

At this time, none of the site and building improvements has been completed.

**IS THIS PROPERTY ON AGRICULTURAL LAND?**

No

**ARE YOU A USDA PROGRAM PARTICIPANT?**

No

**7.a. DESCRIBE THE PROPOSED CONSTRUCTION AND/OR FILL WORK FOR THE PROJECT THAT YOU WANT TO BUILD THAT NEEDS AQUATIC PERMITS: COMPLETE PLANS AND SPECIFICATIONS SHOULD BE PROVIDED FOR ALL WORK WATERWARD OF THE ORDINARY HIGH WATER MARK OR LINE, INCLUDING TYPES OF EQUIPMENT TO BE USED. IF APPLYING FOR A SHORELINE PERMIT, DESCRIBE ALL WORK WITHIN AND BEYOND 200 FEET OF THE ORDINARY HIGH WATER MARK. ATTACH A SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED.**

The proposed construction at the Ranney Well site will include constructing a raised addition to the existing control building. The raised building will house the emergency generator and new electrical gear. A portion of the underground utilities will need to be relocated to accommodate the building expansion. The existing aboveground fuel tank will need to be relocated outside of the expansion area.

Flood protection and associated in water work is described in the **Off-Reservation Flood Protection Projects** section of this application.

**7.b. DESCRIBE THE PURPOSE OF THE PROPOSED WORK AND WHY YOU WANT OR NEED TO PERFORM IT AT THE SITE. PLEASE EXPLAIN ANY SPECIFIC NEEDS THAT HAVE INFLUENCED THE DESIGN.**

The proposed Ranney Well and control building construction will elevate the electrical gear, emergency generator and other miscellaneous equipment above the 100-year flood elevation after dam removal.

**7.c. DESCRIBE THE POTENTIAL IMPACTS TO THE CHARACTERISTIC USES OF THE WATER BODY. THESE USES MAY INCLUDE FISH OR AQUATIC LIFE, WATER QUALITY, WATER SUPPLY, RECREATION AND AESTHETICS. IDENTIFY PROPOSED ACTIONS TO AVOID, MINIMIZE, OR MITIGATE DETRIMENTAL IMPACTS, AND PROVIDE PROPER PROTECTION OF FISH AND AQUATIC LIFE. ATTACH A SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED.**

Modification of the Ranney and control building will have no impact on aquatic resources.

**8. WILL THE PROJECT BE CONSTRUCTED IN STAGES?**

Yes, the Ranney Well control building modifications, gabion wall and levee access road construction will be constructed separately from other elements of the project.

**PROPOSED STARTING DATE:**

The overall Port Angeles Water Treatment Plant (PAWTP) construction will occur beginning in the end of 2006. The exact starting date will be determined based on issuance of the necessary permits, negotiations with the successful Contractor, and the Contractors schedule as to when they would be completing this portion of the Work.

**ESTIMATED DURATION OF ACTIVITY:**

Overall PAWTP construction is anticipated to take approximately 24 months, construction of the Ranney Well control-building modifications is anticipated to take approximately 6 months.

**9. CHECK IF ANY STRUCTURES WILL BE PLACED:**

**WATERWARD OF THE ORDINARY HIGH WATER MARK OR LINE FOR FRESH OR TIDAL WATERS.**

No

**WATERWARD OF MEAN HIGH WATER LINE IN TIDAL WATERS**

No

**10. WILL FILL MATERIAL (ROCK, FILL, BULKHEAD, OR OTHER MATERIAL) BE PLACED:**

**WATERWARD OF THE ORDINARY HIGH WATER MARK OR LINE FOR FRESH OR TIDAL WATERS.**

No

**WATERWARD OF MEAN HIGH WATER LINE IN TIDAL WATERS.**

No

**11. WILL MATERIAL BE PLACED IN WETLANDS?**

No.

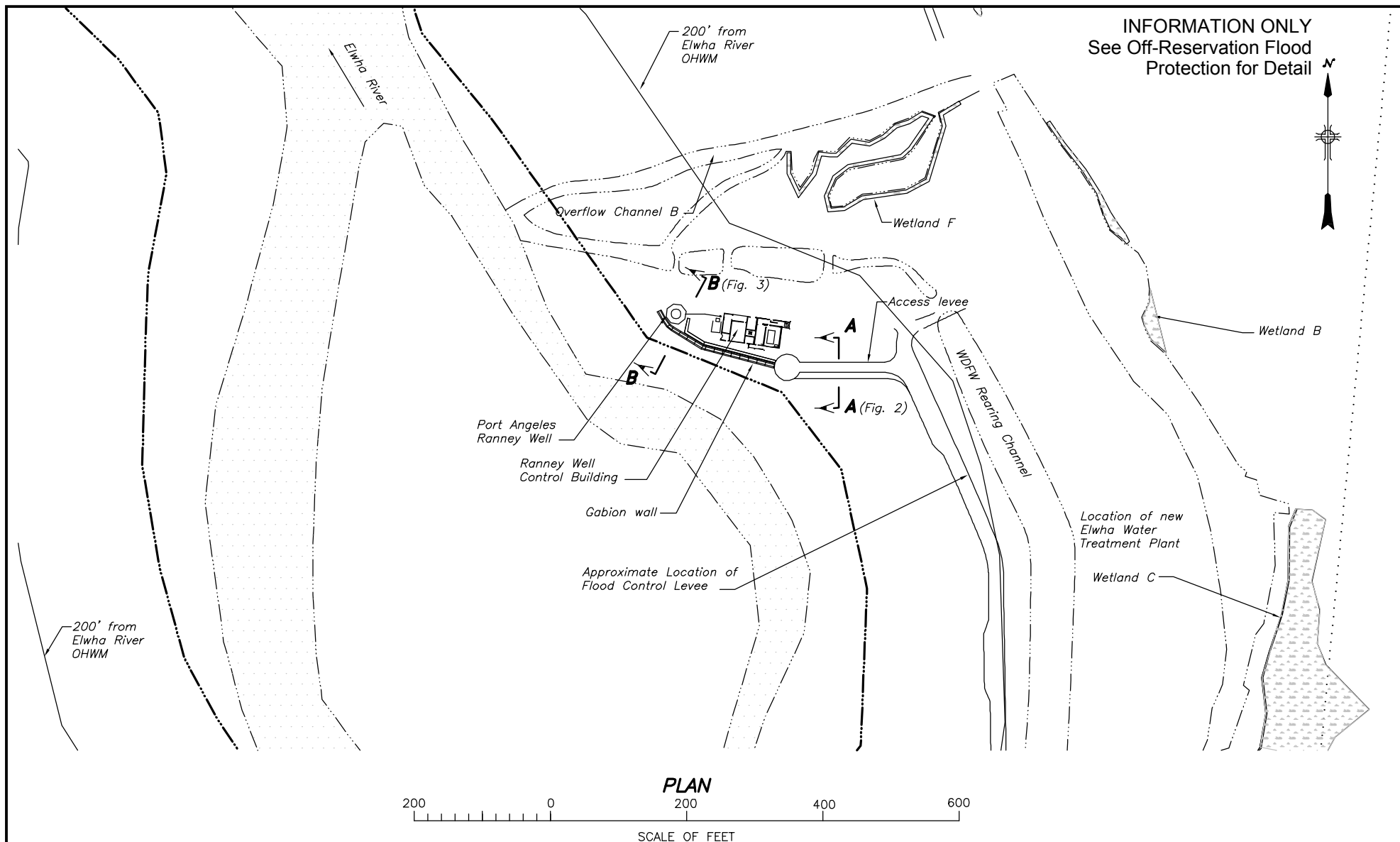
**G. WILL PROPOSED ACTIVITY CAUSE FLOODING OR DRAINING OF WETLANDS?**

No. Construction of the Ranney Well control building modifications is far enough away from wetlands that the wetland will not be affected.

**13. WILL EXCAVATION OR DREDGING BE REQUIRED IN WATER OR WETLANDS?**

No. Construction of the Ranney Well control building modifications does not require excavation or dredging in water or wetlands.

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Purpose: Flood Protection of Ranney Well Facilities

Adjoining Property Owners:  
See JARPA Application

ELWHA RIVER RESTORATION PROJECT  
Ranney Well Flood Protection

Flood Protection  
Raised Control Building

Proposed: Modified Control Building

Reference: 200600334 **Ranney Well - Page 5 of 7**

Near: WDFW Rearing Channel

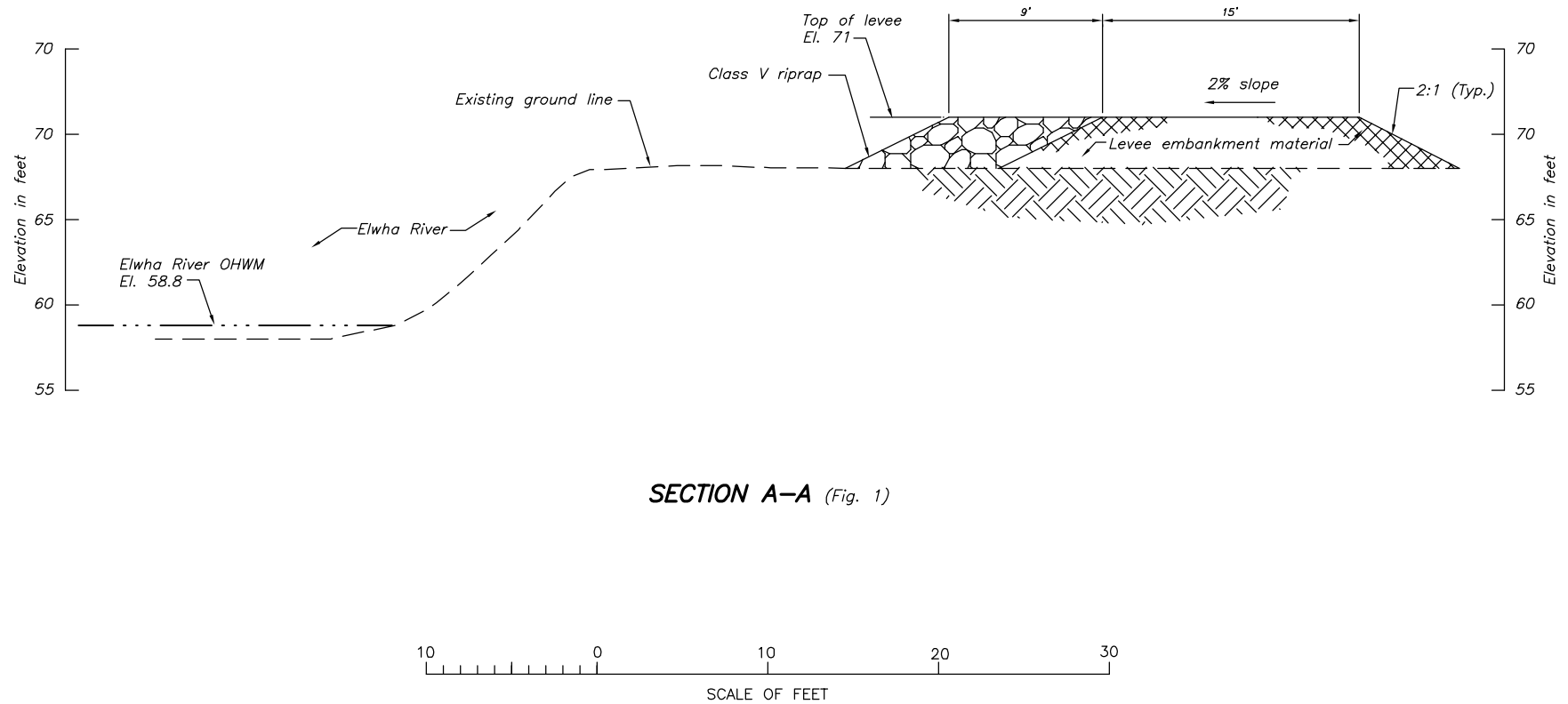
Application by: National Park Service

Figure 1 of 3

Date: 3/31/2006

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INFORMATION ONLY  
See Off-Reservation Flood  
Protection for Detail



SECTION A-A (Fig. 1)

Purpose: Flood Protection of Ranney Well Facilities

Adjoining Property Owners:  
See JARPA Application

ELWHA RIVER RESTORATION PROJECT  
Ranney Well Flood Protection

Ranney Well Road Levee - Section A

Proposed: Access Road Levee at Ranney Well

Reference: 200600334 Ranney Well - Page 6 of 7

Near: WDFW Rearing Channel

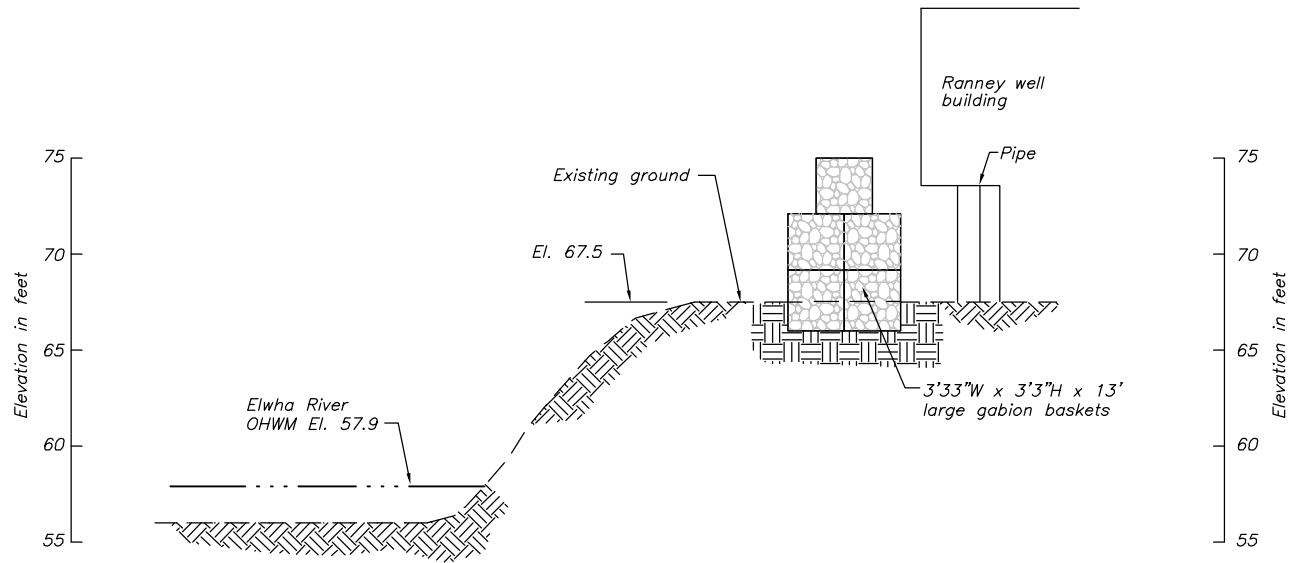
Application by: National Park Service

Figure 2 of 3

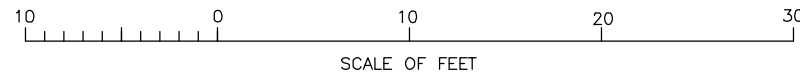
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INFORMATION ONLY  
See Off-Reservation Flood  
Protection for Detail



**SECTION B-B** (Fig. 1)



Purpose: Flood Protection of Ranney Well  
Facilities

Adjoining Property Owners:  
See JARPA Application

ELWHA RIVER RESTORATION PROJECT  
Ranney Well Flood Protection  
Gabion Wall Flood Protection – Section B

Proposed: Gabion Wall Flood Protection

Reference: Ranney Well **Ranney Well - Page 7 of 7**

Near: WDFW Rearing Channel

Application by:

Figure 3 of 3

Date: 3/31/2006